

Disaggregation Summary Report

Test Date: 09/18/07

State: INDIANA

Grade: 8

Purpose

This report describes group achievement for selected reporting populations.



English/language arts		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	%	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
All Students		79762	5767	7	49207	62	54974	69	24085	30	703	1	538.3/539.3	52.4
General Education														
TOTAL General Education		68377	5689	8	46314	68	52003	76	15922	23	452	1	547.2/546.0	46.8
Special Education														
With accommodations		9682	27	0	2066	21	2093	22	7359	76	230	2	477.8/480.6	49.6
Without accommodations		1703	51	3	827	49	878	52	804	47	21	1	515.5/518.0	52.0
TOTAL Special Education		11385	78	1	2893	25	2971	26	8163	72	251	2	483.5/485.9	51.8
Limited English Proficiency														
With accommodations		1393	0	0	274	20	274	20	1021	73	98	7	476.8/480.9	52.4
Without accommodations		1095	14	1	483	44	497	45	556	51	42	4	509.8/511.6	48.5
TOTAL Limited English Proficiency		2488	14	1	757	30	771	31	1577	63	140	6	491.6/495.6	53.3
Non-Limited English Proficiency														
With accommodations		9748	31	0	2185	22	2216	23	7298	75	234	2	479.4/481.9	49.8
Without accommodations		67526	5722	8	46265	69	51987	77	15210	23	329	0	548.2/546.7	46.0
TOTAL Non-Limited English Proficiency		77274	5753	7	48450	63	54203	70	22508	29	563	1	539.7/540.5	51.8
Gender														
Male		40851	2001	5	23723	58	25724	63	14622	36	505	1	529.1/531.6	52.7
Female		38735	3763	10	25421	66	29184	75	9361	24	190	0	548.0/547.8	50.3
No valid information		176	3	2	63	36	66	38	102	58	8	5	494.0/502.8	57.6
SES														
Paid lunch		49820	5049	10	33993	68	39042	78	10524	21	254	1	550.8/551.0	49.5
Free or reduced lunch		29362	714	2	14998	51	15712	54	13238	45	412	1	517.4/520.2	50.3
No valid information		580	4	1	216	37	220	38	323	56	37	6	499.5/504.2	50.8
Ethnicity														
American Indian or Alaska Native		212	8	4	111	52	119	56	91	43	2	1	519.1/522.8	52.7
Black (Not of Hispanic Origin)		9726	140	1	4296	44	4436	46	5153	53	137	1	508.8/511.2	48.3
Asian or Pacific Islander		948	158	17	568	60	726	77	181	19	41	4	559.8/563.0	59.7
Hispanic		4720	97	2	2306	49	2403	51	2215	47	102	2	514.1/518.1	52.9
White (Not of Hispanic Origin)		61249	5225	9	40156	66	45381	74	15495	25	373	1	544.7/545.3	50.7
Multiracial		2490	135	5	1614	65	1749	70	718	29	23	1	537.7/539.7	49.2
No valid information		417	4	1	156	37	160	38	232	56	25	6	500.1/506.4	50.9
Migrant		43	0	0	13	30	13	30	29	67	1	2	477.2/485.0	58.5

The cut score at Pass is 516. The cut score at Pass+ is 611.

The Lowest/Highest Scale Score Possible for English/language arts is 175/770.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

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Grade: 8

Purpose

This report describes group achievement for selected reporting populations.



Mathematics		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	%	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
All Students		79762	14338	18	44516	56	58854	74	20435	26	473	1	560.5/562.8	79.9
General Education														
TOTAL General Education		68377	13955	20	40792	60	54747	80	13313	19	317	0	573.1/571.8	71.2
Special Education														
With accommodations		9613	193	2	2838	30	3031	32	6440	67	142	1	475.2/481.6	84.1
Without accommodations		1772	190	11	886	50	1076	61	682	38	14	1	532.3/536.7	85.9
TOTAL Special Education		11385	383	3	3724	33	4107	36	7122	63	156	1	484.1/489.7	86.9
Limited English Proficiency														
With accommodations		1409	44	3	434	31	478	34	910	65	21	1	483.2/486.4	79.3
Without accommodations		1079	84	8	543	50	627	58	449	42	3	0	528.6/532.3	74.6
TOTAL Limited English Proficiency		2488	128	5	977	39	1105	44	1359	55	24	1	503.0/508.8	80.5
Non-Limited English Proficiency														
With accommodations		9669	208	2	2940	30	3148	33	6373	66	148	2	477.2/483.4	84.3
Without accommodations		67605	14002	21	40599	60	54601	81	12703	19	301	0	574.4/572.9	70.6
TOTAL Non-Limited English Proficiency		77274	14210	18	43539	56	57749	75	19076	25	449	1	562.4/564.4	79.2
Gender														
Male		40851	8050	20	21959	54	30009	73	10528	26	314	1	561.9/565.7	84.0
Female		38735	6283	16	22497	58	28780	74	9806	25	149	0	559.4/560.2	75.3
No valid information		176	5	3	60	34	65	37	101	57	10	6	492.8/497.5	86.2
SES														
Paid lunch		49820	12128	24	29123	58	41251	83	8392	17	177	0	580.5/580.9	74.9
Free or reduced lunch		29362	2193	7	15179	52	17372	59	11729	40	261	1	527.7/532.7	76.8
No valid information		580	17	3	214	37	231	40	314	54	35	6	498.2/502.3	81.8
Ethnicity														
American Indian or Alaska Native		212	27	13	100	47	127	60	84	40	1	0	534.9/537.5	84.4
Black (Not of Hispanic Origin)		9726	333	3	4184	43	4517	46	5093	52	116	1	506.3/511.5	74.0
Asian or Pacific Islander		948	418	44	380	40	798	84	140	15	10	1	612.9/616.1	96.3
Hispanic		4720	360	8	2397	51	2757	58	1928	41	35	1	526.6/532.3	77.8
White (Not of Hispanic Origin)		61249	12844	21	35872	59	48716	80	12265	20	268	0	571.7/573.1	76.2
Multiracial		2490	345	14	1420	57	1765	71	705	28	20	1	552.9/553.6	75.3
No valid information		417	11	3	163	39	174	42	220	53	23	6	499.8/504.3	77.6
Migrant		43	2	5	17	40	19	44	22	51	2	5	480.6/496.0	111.9

The cut score at Pass is 517. The cut score at Pass+ is 629.

The Lowest/Highest Scale Score Possible for mathematics is 260/870.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%

State Proficiency

Performance Summary

State: INDIANA

Grade: 8

Purpose

This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	4247 Students Pass + in E/la and Math 5%	9898 Students Pass in E/la and Pass + in Math 12%	173 Students Did Not Pass in E/la and Pass + in Math 0%	20 Students Undetermined in E/la and Pass + in Math 0%	14338 Students Pass + in Math 18%
Mathematics Pass	1509 Students Pass + in E/la and Pass in Math 2%	34071 Students Pass in E/la and Math 43%	8804 Students Did Not Pass in E/la and Pass in Math 11%	132 Students Undetermined in E/la and Pass in Math 0%	44516 Students Pass in Math 56%
Mathematics Did Not Pass	7 Students Pass + in E/la and Did Not Pass in Math 0%	5144 Students Pass in E/la and Did Not Pass in Math 6%	14939 Students Did Not Pass in E/la and Math 19%	345 Students Undetermined in E/la and Did Not Pass in Math 0%	20435 Students Did Not Pass in Math 26%
Mathematics Undetermined	4 Students Pass + in E/la and Undetermined in Math 0%	94 Students Pass in E/la and Undetermined in Math 0%	169 Students Did Not Pass in E/la and Undetermined in Math 0%	206 Students Undetermined in E/la and Math 0%	473 Students Undetermined in Math 1%
English/ language arts TOTALS	5767 Students Pass + in E/la 7%	49207 Students Pass in E/la 62%	24085 Students Did Not Pass in E/la 30%	703 Students Undetermined in E/la 1%	Summary of Student Counts Total Grade Count 79762 Students with Complete Tests 78792 Students with Undetermined Scores E/la Only 497 Math Only 267 Both 206

Summary of Scores	E/la		English/language arts			Mathematics		
		Math	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	538.3	560.5	MSS: 637.3	MSS: 555.5	MSS: 479.3	MSS: 671.4	MSS: 570.5	MSS: 481.1
Pass Cut Score	516	517	SD: 25.9	SD: 24.8	SD: 34.2	SD: 39.1	SD: 30.7	SD: 54.2
Pass + Cut Score	611	629	L/H Obt: 611-770	L/H Obt: 516-610	L/H Obt: 175-515	L/H/Obt: 629-870	L/H/Obt: 517-628	L/H/Obt: 260-516
Standard Deviation	52.4	79.9	L/H Range: 611-770	L/H Range: 516-610	L/H Range: 175-515	L/H Range: 629-870	L/H Range: 517-628	L/H Range: 260-516
Lowest/Highest Scale Score Obtained	175-770	260-870	5767 Students	49207 Students	24085 Students	14338 Students	44516 Students	20435 Students
Lowest/Highest Scale Score Possible	175-770	260-870	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score

SD: Standard Deviation

L/H Obt: Lowest/Highest Scale Score Obtained

L/H Range: Lowest/Highest Scale Score Range of Proficiency Level

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed
Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

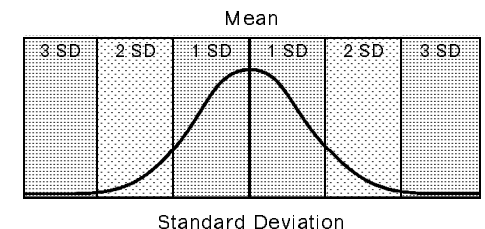
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



Applied Skills Frequency Distribution

State: INDIANA

Grade: 8

Purpose
This report provides a frequency of points obtained by Applied Skills items.



Test Date: 09/18/07

E/la	Points Poss	Total Number of Stdnts	0 Points Obtained		1 Point Obtained		2 Points Obtained		3 Points Obtained		4 Points Obtained		5 Points Obtained		6 Points Obtained	
Item # - Test #			N	%	N	%	N	%	N	%	N	%	N	%	N	%
Writing Applications																
1a-3-Writing Applications	6	79762			1594	2	7878	10	22089	28	35935	45	10624	13	819	1
13b-4-Writing Applications	4	79762			6187	8	26474	33	32685	41	12335	15				
Lang. Conventions																
1b-3-Lang. Conventions	4	79762			1606	2	8248	10	22668	28	46631	58				
13c-4-Lang. Conventions	4	79762			5953	7	21669	27	31765	40	18553	23				
Lit. Resp. & Analysis																
5-4-Lit. Resp. & Analysis	2	79762	35151	44	24862	31	18072	23								
6-4-Lit. Resp. & Analysis	2	79762	27092	34	31230	39	17609	22								
Reading Comp.																
8-4-Reading Comp.	2	79762	16565	21	21408	27	39779	50								
11-4-Reading Comp.	2	79762	6937	9	17246	22	53852	68								
13a-4-Reading Comp.	2	79762	15377	19	28537	36	33767	42								
Math																
Item # - Test #	Points Poss	Total Number of Stdnts	0 Points Obtained		1 Point Obtained		2 Points Obtained		3 Points Obtained		4 Points Obtained		5 Points Obtained		6 Points Obtained	
			N	%	N	%	N	%	N	%	N	%	N	%	N	%
Algebra & Functions																
1-7-Algebra & Functions	2	79762	30145	38	31967	40	16242	20								
3-7-Algebra & Functions	2	79762	29378	37	35355	44	14156	18								
1-8-Algebra & Functions	2	79762	32001	40	2588	3	44629	56								
Data Analysis & Prob.																
2-7-Data Analysis & Prob.	2	79762	12262	15	54293	68	12836	16								
3-8-Data Analysis & Prob.	2	79762	35540	45	25278	32	17220	22								
Geometry																
4-7-Geometry	2	79762	10299	13	20937	26	48054	60								
6-7-Geometry	2	79762	16855	21	16433	21	45133	57								
Problem Solving																
5-7-Problem Solving	3	79762	45310	57	9923	12	1977	2	21561	27						
2-8-Problem Solving	3	79762	61207	77	3690	5	1968	2	12033	15						
4-8-Problem Solving	3	79762	51068	64	6504	8	2106	3	18573	23						
6-8-Problem Solving	2	79762	37765	47	26276	33	14763	19								
Number Sense																
7-7-Number Sense	2	79762	18350	23	13391	17	47334	59								
Measurement																
5-8-Measurement	2	79762	58349	73	218	0	19935	25								
7-8-Measurement	2	79762	56126	70	331	0	21950	28								

**INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS**

Academic Standards Summary

State: INDIANA

Grade: 8

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 79762

Test Date: 09/18/07

Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

GR : Gridded response items

** : Expected IPI for a student at the passing cut score

STATE SUMMARY

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.	STATE SUMMARY						
	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery
MC : Multiple-choice items OE : Open-ended items GR : Gridded response items ** : Expected IPI for a student at the passing cut score							
English/language arts							
1. Reading Vocabulary(MC)	7	74	5.4	77.6	3.6	54747	69
2. Reading Comp.(MC,OE)	21	65	14.9	71.3	6.3	55877	70
3. Lit Response & Analysis(MC,OE)	21	64	14.4	69.1	5.1	55058	69
4. Writing Process(MC)	4	49	2.4	59.7	10.7	55326	70
5. Writing Applications(OE)	10	56	6.2	61.2	5.2	56925	72
6. Lang. Conventions(MC,OE)	13	73	10.1	77.3	4.3	55345	70
Number of Students: 79059							
Mathematics							
1. Number Sense(MC,OE)	10	60	7.1	70.2	10.2	59337	75
2. Computation(MC,GR)	9	32	4.6	50.8	18.8	59638	75
3. Algebra & Functions(MC,OE,GR)	16	44	9.3	57.5	13.5	59184	75
4. Geometry(MC,OE,GR)	10	53	6.4	64.5	11.5	57569	73
5. Measurement(MC,OE,GR)	10	27	4.5	45.4	18.4	58557	74
6. Data Analysis & Prob(MC,OE,GR)	15	44	8.5	56.7	12.7	58498	74
7. Problem Solving(MC,OE)	15	15	5.2	35.1	20.1	58772	74
Number of Students: 79289							

* Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IP at Pass" scores will not result in the three-digit student score found on the Student Report.